

Phone 512 / 884-9004

Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401
May 26, 1978

Re: George W. Graham, Inc.
Nos. 1-360 & 2-360
nw Sec 17, T20S, R24E
Federal U-37360
Grand County, Utah

~~The District Engineer
U. S. Geological Survey
8440 Federal Building
Salt Lake City, UT 84138~~

Dear Sir:

Enclosed in triplicate are two Form 9-331 C " Application to Drill" the above noted wells.

Federal Lease U-37360 in recorded in both of our names and since George W. Graham, Inc. is to be the Operator I have attached a " Designation of Operator" in favor incase it is required.

I have a \$ 25,000 Statewide Drilling Bond of record and George W. Graham, Inc.'s Bond should be in your hands by this time.

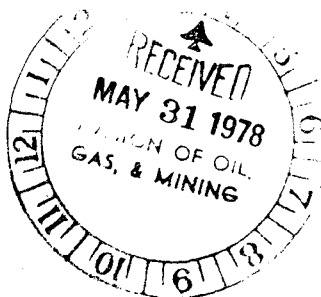
Attached to the Form 9-331 C is all of the supporting information required by NTL-6. Kindly review the enclosed and advise.

Respectfully submitted,

Encl: 2 originals and 4 copies

cc: State of Utah O&GCC ✓
George W. Graham, Inc.
Al Madzeck

Frank B. Adams



[Handwritten signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

U-37360

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

2-360

10. FIELD AND POOL, OR WILDCAT

S. Agate Field

11. SEC. T. R. M. OR BLK.
AND SURVEY OR AREA

Section 17

T20S, R24E, SLB&M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

b. TYPE OF WELL

OIL

☒

&/or

GAS

☒

OTHER

SINGLE

☐

MULTIPLE

☐

2. NAME OF OPERATOR

George W. Graham, Inc. (Serial # U-0142200)

3. ADDRESS OF OPERATOR

400 First-Wichita National Bank Building

Wichita Falls, Texas 76301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 990' fnl & 2,310' fel Sec. 17, T20S, R23E

SW NW NE

SLB&M

At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Seven (7) miles nne of Cisco, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

160.0

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

660'

19. PROPOSED DEPTH

1,650'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,590' Gr. 4,600' KB

17. NO. OF ACRES ASSIGNED
TO THIS WELL

10acs (oil)-160acs(gas)

20. ROTARY OR CABLE TOOLS

Rotary (air)

22. APPROX. DATE WORK WILL START*

60 days

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8ths"	7" *	20#	120'	40 sks to surface
6 1/4"	4 1/2" **	9.5#	1,650'	100 sks cement + 2% KCL

* 7" will be new 20# K-55 8RT ST&C R-3

** 4 1/2" will be new 9.5# K-55 8RT ST&C - R-2

Supplement to 9-331 C attached as required by NTL-6

Surface use plan attached

Designation of Operator attached

Seven point pressure control plan attached w/schematic of BOP equipment



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or re-enter directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Frank B. Adams
Frank B. Adams

TITLE

Agent

DATE

May 26, 1978

(This space for Federal or State office use)

PERMIT NO.

43-019-30447

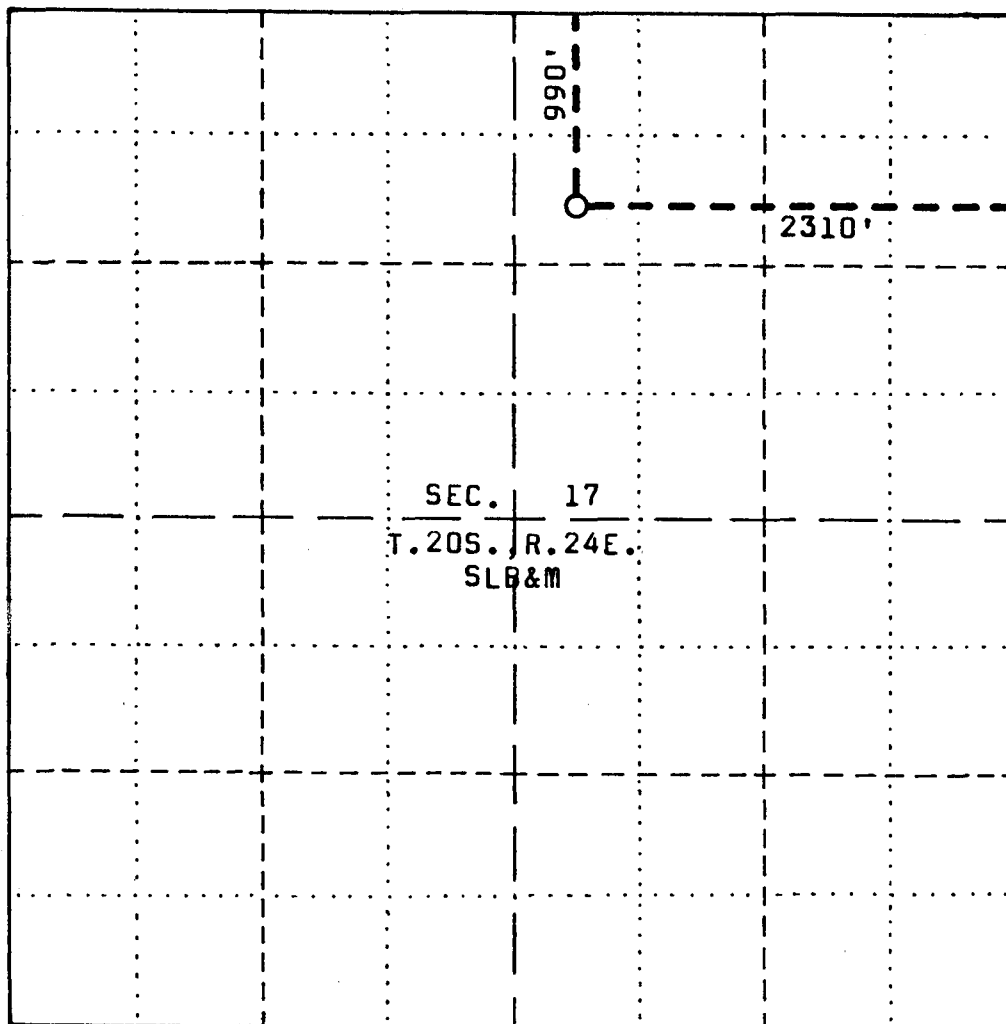
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



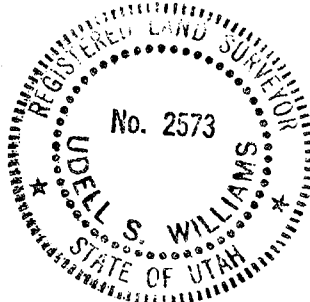
SCALE: 1" = 1000'

GEO. W. GRAHAM, INC. NO. 2-360

Located South 990 feet from the North boundary and West 2310 feet from the East boundary of Section 17, T.20S., R.24E., SLB&M.

Elev. 4590

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

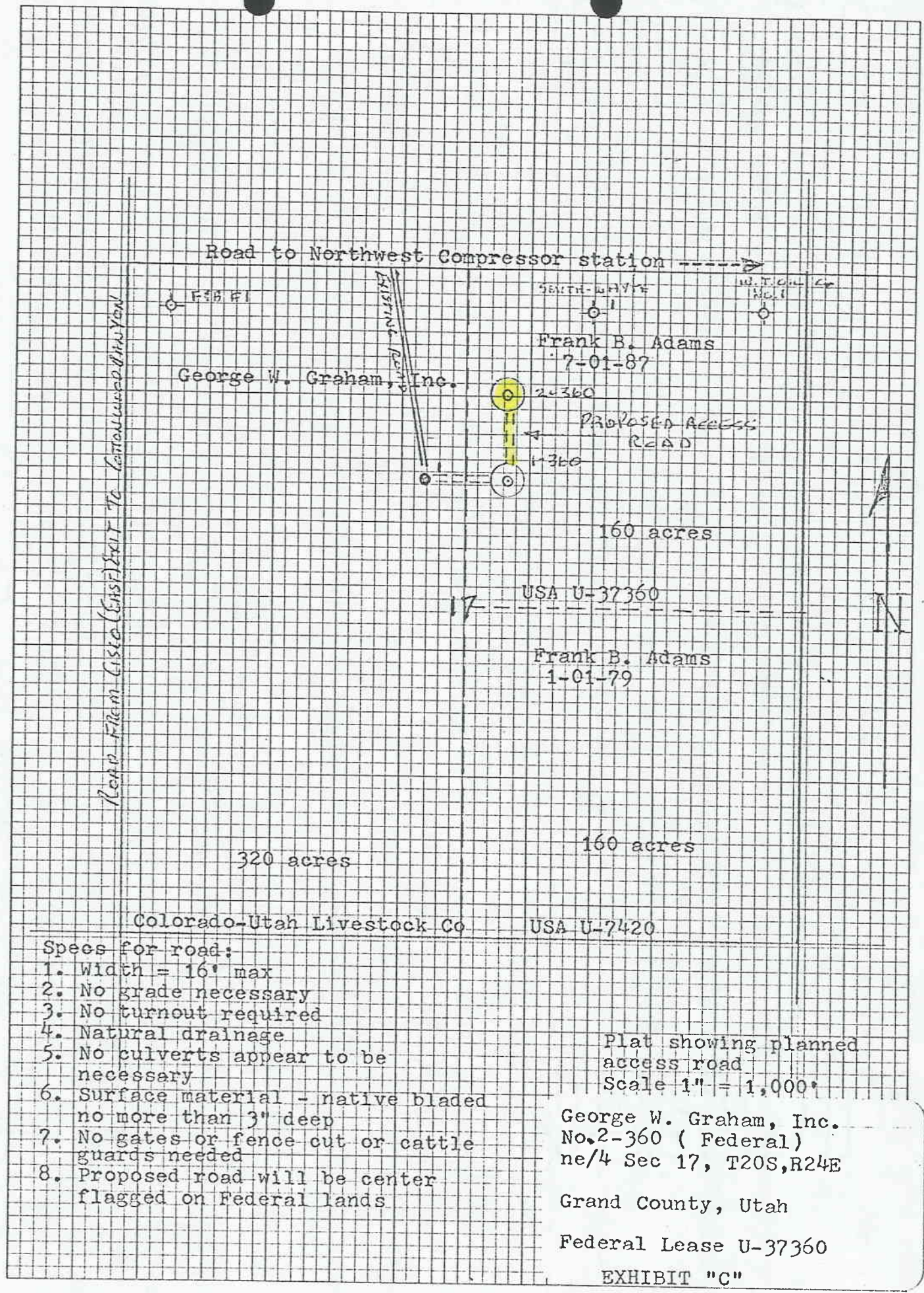
GEO. W. GRAHAM, INC.
#2-360

NW $\frac{1}{4}$ NE $\frac{1}{4}$ S17, T20S, R24E, SLM

SURVEYED BY: USW DATE: 5/23/78

DRAWN BY: USW DATE: 5/23/78

EXHIBIT "A"



Specs for road:

1. Width = 16' max
2. No grade necessary
3. No turnout required
4. Natural drainage
5. No culverts appear to be necessary
6. Surface material - native bladed no more than 3" deep
7. No gates or fence cut or cattle guards needed
8. Proposed road will be center flagged on Federal lands

Plat showing planned
access road
Scale 1" = 1,000'

George W. Graham, Inc.
No. 2-360 (Federal)
ne/4 Sec 17, T20S, R24E
Grand County, Utah
Federal Lease U-37360
EXHIBIT "C"

Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401
May 26, 1978

Ten point plan to comply with NTL-6 (Supplement to 9-331-C)

George W. Graham, Inc. No.2-360 - 1,650' Salt Wash test

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	-	1,040'
Dakota		1,085'
Morrison		1,250'
Salt Wash		1,520'

3. Estimated depths at which water, oil and/or gas is anticipated

Water - Possible surface gravel beds to 100"
Oil - Morrison and Salt Wash formations
Gas - Dakota, Morrison and Salt Wash formations

4. Proposed casing program

See 9-331 C

5. Pressure control details

- Rigan BOP 3,000 psi (Hyd closing unit), tested to 1,000 psi after surface casing is cemented, then daily thereafter.
- Grant rotating head above BOP
- Full shut-off gate valve on well and exhaust line

6. Drilling mud and weight material program

Operator plans to drill with air or mist to total depth. If formation water, oil and/or gas is encountered the hole will be mudded up with 100 vis 8.2 - 10# starch base drilling mud with KCL added and drilled to total depth. Same procedure to be followed if drilled to total depth with air to prepare for logging. Mud will be mixed and ready for use before reaching the base of the Dakota silt.

7. Auxiliary equipment

- Demco kelly cocks
- Check valve at bit
- Visual monitoring of mud system

d. A sub on the rig floor with full opening valve to be stabbed into drillpipe when kelly is out of string.

8. Testing and logging program

No formation tests anticipated

Cuttings to be examined for hydrocarbon shows

No cores planned

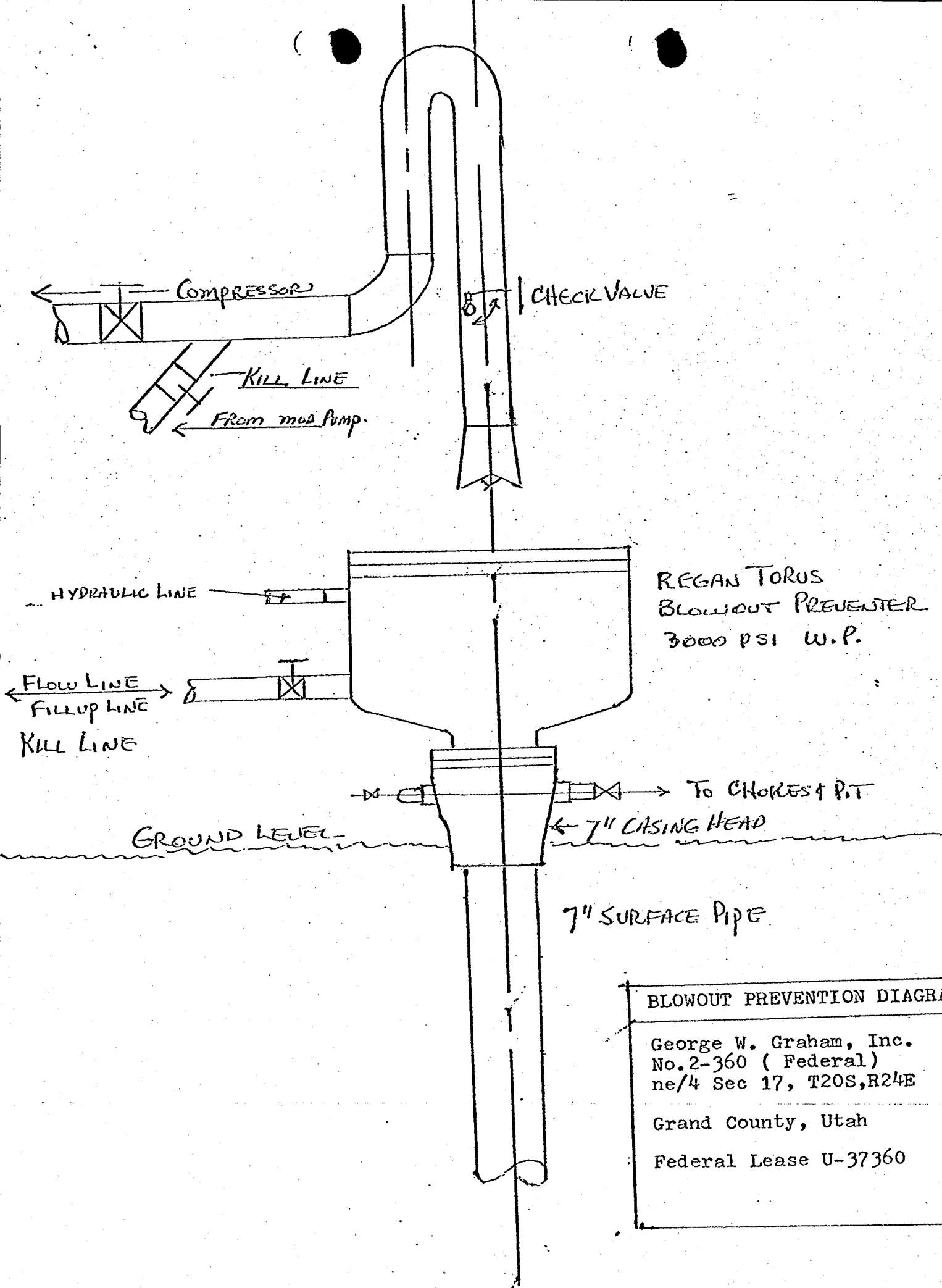
Dual induction electric log to total depth and if productive sands are indicated a Compensated Neutron-Formation Density log will be run through prospective pay zones.

9. Anticipated abnormal pressures or temperatures

No abnormal conditions anticipated - estimated BHP at total depth, if productive = 750 psi

10. Anticipated starting date and duration of operations

August 1, 1978 and ten days will cover complete operations, if a dry hole.



Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401

May 26, 1978

George W. Graham, Inc. No.2-360
Federal Lease U-37360
NE/4 Section 17, T20S, R24E, SLB&M
Grand County, Utah

SURFACE USE PLAN (NTL-6)

1. Existing Roads

- a. Proposed well site shown on attached plat (Exhibit A)
- b. George W. Graham, Inc. No. -360 is located approximately 2 miles nne of the East Cisco exit on the Cottonwood Canyon Road.
- c. Access road to location color-coded and labeled on attached Exhibit "A"
- d. This location is classified as a field extention or development well.
- e. Exisiting roads within a 1 mile radius are shown on attached Exhibit "A". The service road to the George W. Graham, Inc. No. 1 Colorado-Utah Livestock Co. well will be used with permission of the fee owner and a new service road will go due east from the above well to the lease line and thence east 330' to the location for the No. 1-360 and thence north 660' to the location of the No. 2-360.
- f. There will be no need to improve existing road across fee land since the road is maintained on a regular basis by Operator.

2. Planned Access roads

Items 1 through 8 are included in remarks on attached plat Exhibit "C".

3. Location of existing wells (Development wells - 1 mile radius)

- a. Water wells - none
- b. Abandoned wells: (See Exhibit A)

Section 7 - 1 well	Section 16 - 3 wells
Section 8 - 2 wells	Section 17 - 3 wells
Section 9 - 2 wells	Section 20 - 1 well
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells - 2 oil wells
G.W.Graham, Inc. No. 1 Col.- UT Livestock Company- Sec. 17
Pumpelly No. 5 Effie Fee - Section 8
- g. Shut-in wells - none

- h. Injection wells - none
- i. Monitoring or observation wells for other reasons - none

4. Location of existing and/or proposed facilities

- a. Operator owns oil well on adjoining fee lease and in addition to wellhead and pump jack there is a 110 bbl welded crude oil tank next to well. Other than that Operator does not own or control any other facilities within a 1 mile radius of the proposed location.
- b. In the event of oil production a tank battery consisting of two 210 barrel crude oil tanks, and if necessary a separator, will be constructed on the pad. Oil will be removed by tank truck as produced. Tanks will be welded steel and connected by a steel catwalk. All surface equipment will be painted "desert tan" to conform with the BLM regulations.
In event of gas production - Producing facilities will be installed by either the operator or Northwest Pipeline depending on the size of the gas reserves. Gas facilities in either case will consist of a meter run and other facilities that might be required to produce and market the production. Those facilities will be located on the pad and details of construction of any gathering lines and other producing facilities will be presented for BLM approval when a right-of-way permit is applied for to connect to the sales line.
Complete protective measures, such as fences, will be used to turn livestock and wildlife known to be in the area.
- c. Rehabilitation of all disturbed areas no longer needed after operations are completed will be restored to a smooth contour and all debris will be cleaned up. All pits will be back filled and smoothed after drilling operations are concluded. If there is any delay in backfilling, fences will be erected around pits to be filled. All pits that might be required for production will be fenced.

5. Location and type of water supply

- a. Water for drilling operations will be obtained at Cisco Springs, located about six miles west of the location.
- b. Water will be transported by truck over existing roads, private, county and lease service roads.
- c. No water well is planned to be drilled on the lease.

6. Source of construction materials

- a. No construction materials, such as, sand, gravel and soil, will be required other than native material found in place.
- b. No Federal or Indian lands will be the source of construction material.
- c. In the event of production, a gravel pad is required for

for the tank battery, gravel will be hauled to the location by a private contractor on a F.O.B. location basis.

- d. Does not apply - no materials coming from Federal or Indian lands.

7. Methods of handling waste disposal

- a. Cuttings- Cuttings from air or mist drilling will be exhausted into a pit at the end of exhaust line, with the line being centered in the pit. After operations are completed the pit will be covered over.
- b. Drilling fluids - To be contained in two steel mud tanks. A reserve pit will be prepared to contain any excess flow out of the well during drilling, cementing and completion operations. The pit(s) will be backfilled after operations are completed unless the pits are to be used in connection with production.
- c. Produced fluids, such as oil and water - Oil will be properly stored in tanks erected for that purpose and water will be diverted to the pits and be disposed of as required by the amount involved.
- d. Sewerage- A chemical toilet will be provided on the location for use by personnel.
- e. Garbage and other waste material - Will be contained in 42 gal. drums and hauled off the location or buried in a pit. In the case of trash to be burned or buried later, a small mesh wire will enclose the pit to prevent wind from scattering the trash.
- f. Well site clean up - Well site and pad will be properly cleaned up and restored to smooth contour when operations are completed and rig moved off. Only that part of the pad required for producing facilities will be kept in use. In the event of a dry hole, only the required dry hole marker will remain.

8. Ancillary Facilities

There will be no field camps or air strips required for this operation.

9. Well site layout

A plat on a scale of 1" = 50' is attached to this plan as exhibit "D" showing:

- a. Cross-section of drill pad not shown since the rise in elevation is very gradual and no cuts or fills are anticipated.
- b. Location of mud tanks, reserve, burn and trash pits, pipe-racks, living facilities and soil material stockpiles are shown on attached exhibit "D".

- c. Rig orientation, parking areas and access road is also shown on attached exhibit "D".
- d. Pits shown are unlined and the only water that will be introduced into these pits will be fresh water used in the drilling operations.

10. Plans to restore the surface

- a. Upon completion, the entire location will be restored, including backfilling and leveling of all pits, the waste disposed of and spoils material segregated, if required. The location will then be contoured to its original contour.
- b. The pad and access road will be revegetated and rehabilitated during the month of October or November, as required by the BLM
- c. Pits will be fenced and maintained after moving rig out until clean up can be preformed.
- d. If there is any oil on the pits, it will either be removed by truck or covered and the pit flagged on the surface.
- e. Commencement and completion of rehabilitation operations will be completed during the month of October or November, weather permitting.

11. Other information

- a. This location is located in a very flat area. The surface is raw Mesa Verde shale with sparse vegetation consisting of scattered sage brush. Lack of ground cover limits this area to a few coyotes and cottontails.
- b. At times the surface is leased to sheepmen for winter grazing by the BLM.
- c. The proximity of water has been noted on paragraph 5 above, which is Cisco Springs. The nearest occupied buildings (dwellings) are located in Cisco, Utah, some seven miles south of the location. There are no known archeological, historical or cultural sites in the area.

The surface is under the jurisdiction of the Moab District of the Bureau of Land Management.

12. Operators Representative

Al Wadzeck
P. O. Box 503
Greenriver, UT 84525

801-564-3570

or Frank B. Adams
716 Wilson Building
Corpus Christi, TX 78476

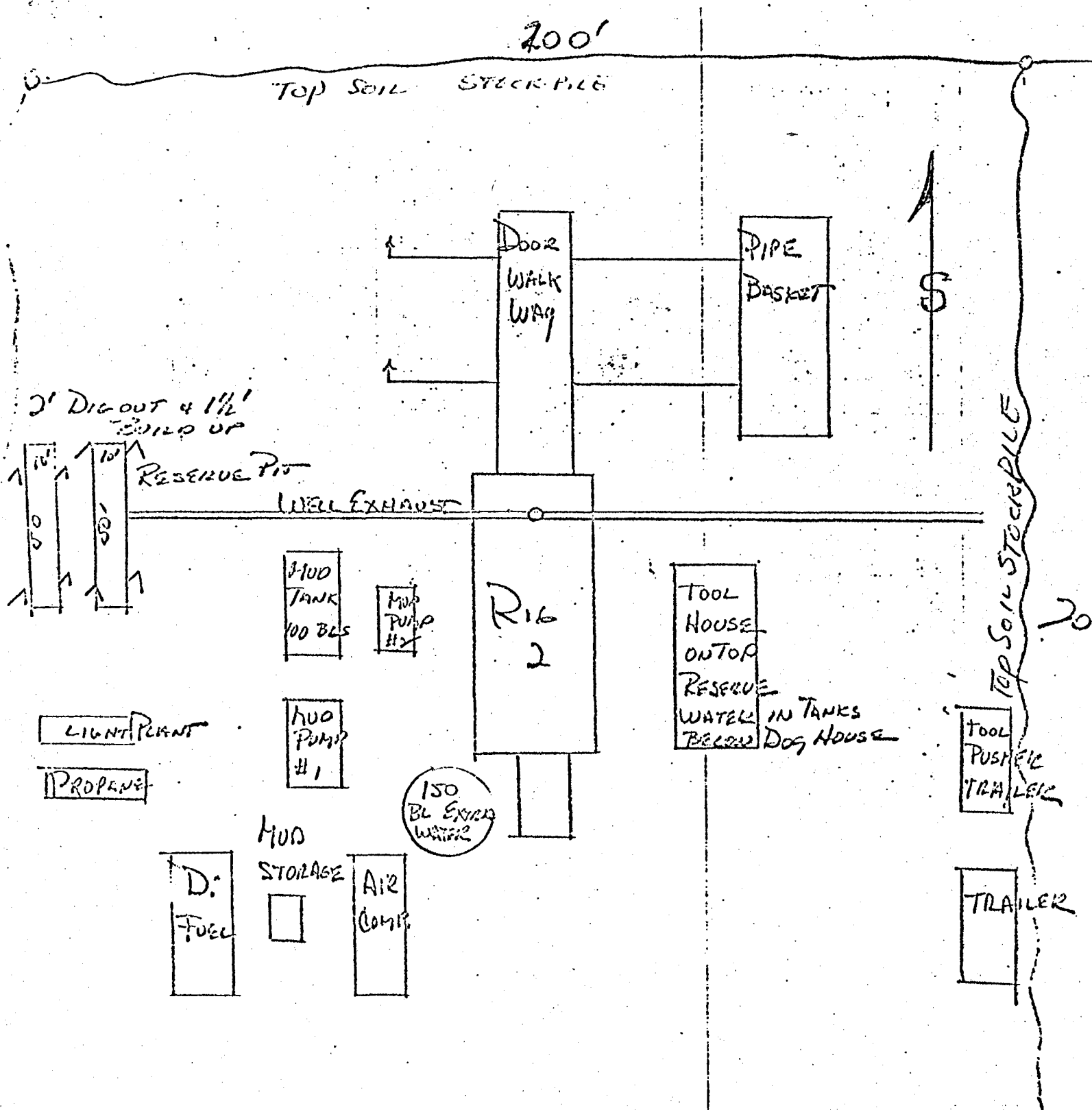
512-884-9004

13. I hereby certify that I or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be preformed by George W. Graham, Inc. and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

George W. Graham, Inc.

By: *Frank B. Adams*
Frank B. Adams, Agent

May 26, 1978



WELL SITE LAYOUT

PARKING

JACOBS DRILLING COMPANY
 405 W MAGFIELD
 (PH. IN JUNCTION ROAD 81501)

EXHIBIT "D"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date:

June 12

Operator:

George W. Graham

Well No:

Federal 2360

Location:

Sec. 17

T. 20S

R. 24E

County:

Grand

File Prepared:

☐

Entered on N.I.D.:

☐

Card Indexed:

☐

Completion Sheet:

☐

API NUMBER:

301930447

CHECKED BY:

Administrative Assistant

AW

Remarks:

Petroleum Engineer

P

Remarks:

Director

Z

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

OK

Survey Plat Required:

☐

Order No.

102-5

☒

Surface Casing Change
to

☐

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3

☐

O.K. In

Unit

☐

Other:

Oil only

☒ Letter Written/Approved

June 13, 1978

George W. Graham
400 First-Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal 1-360 & 2-360
Sec. 17, T. 20 S, R. 24 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 102-5, for oil production only.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are:

#1-360: 43-019-30446;

#2-360: 43-019-30447

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

July 12, 1979

George W. Graham
400 First - Wichita National Bank Bldg.
Wichita Falls, Texas 76301

Re: Well No. Federal 1-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal 2-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal 1-420
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

FROM : DISTRICT GEOLOGIST [REDACTED] ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-37360OPERATOR: George W. Graham, Inc.WELL NO. #2-360LOCATION: 1/4 nw 1/4 ne 1/4 sec. 17, T. 20 S., R. 24 E., SLMGrand County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? yes
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? no.

3. Other probable leasable minerals? no.

4. Are hazardous fluids or gases likely? no.

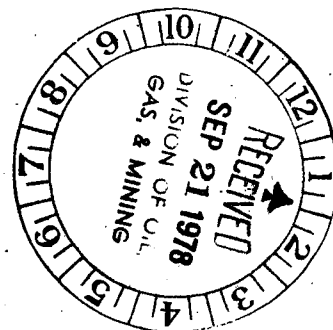
5. Are abnormal conditions of pressure or temperature likely? no.

6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? no.

7. Is additional logging or sampling needed? no.

8. References - remarks: USGS Files, Salt Lake City, Utah, USGS Map I-736

Is location within 2 miles of a KGS? yes.

Signature: James F. KollerDate: 06 - 09 - 78

No. 1107

USUAL ENVIRONMENTAL ANALYSIS

Operator: George W. Graham, Inc. Well Name & No.: 2-360

Location: 990' FNL & 2310' FEL Section 17, 20S 23E SLB & M

County: Grand State: Utah Lease No.: U-37360

Field: S. Agate Unit: _____ Well Type: Oil and/or Gas

Date Inspected: July 10, 1978

Inspector(s): Howard Lemm

Title(s): Petroleum Engineer

Prepared by: Howard Lemm

_____Billings, Montana

Other Agencies or Representative Concurrence:

Rocky Curnutt BLM _____

Major Federal Action Under NEPA _____

The following participated in a joint inspection of the proposed wellsite and access road.

NAME:	REPRESENTING:	TITLE:	STATIONED IN:
Howard Lemm	USGS	Petroleum Engineer	Billings, Montana
Rocky Curnutt	BLM	Natural Resources Spec.	Moab, Utah
Frank Adams	Graham	Agent	Corpus Christi, TX

Proposed Action:

Operator Name: George W. Graham, Inc.

Lease Number: U-37360

Well Name & No.: 2-360

Location: 990' FWL & 2310' FEL Section 17, 20S 23E

Location moved from: The location was left as staked.

Changes in access road: No Changes were made.

Surface ownership: Federal

Date Application filed: May 30, 1978

Objectives (oil and gas , proposed depth, zone, etc.): This is an oil and gas test of the Morrison and Salt Wash formations to a total depth of 1650'

Time frame: Drilling would begin approximately August 1, and would last for 10 days

Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans have been reviewed and are on file in the USGS District Office in Billings, Montana, and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is on file.

Environmental considerations of this proposed action have been categorized into six parameters. These are: geology, soils, air, water, fauna and flora, and socio-economics and land use.

The following is a breakdown of these parameters with emphasis given to those considerations of special significance to this proposed action.

Geology:

Regional Physiography: The area is primarily flat, with gentle rolling hills throughout the area. The location itself is flat.

Surface Geology: Mancos Shale

Potential Producing Zones and Depth: Morrison at 1250'; Salt Wash at 1520'

Major Geologic Hazards: None

Seismic Risk: Minor

Other Mineral Development in Area: Oil and gas activity is the only development in the area.

Soils:

The soil is made up of primarily decomposed shale and is a sandy loam.

Air:

Meteorology:

Temperature Extremes: -10⁰F to 115⁰F

Annual Precipitation: Approximately 6"

Wind: Primarily from the south-west

Toxic or noxious gases that may be encountered: None are expected to be encountered

Air Quality:

During the life of the project, but primarily during the drillings, dust levels and exhaust pollutants would increase.

It is not expected that any long lasting, detrimental reduction in overall air quality would result from the proposed action.

Water:

Nearest Permanent Water or Significant Drainage: Ciso Springs
is approximately 6 miles to the west.

Water Wells in Area: There are none in the immediate area.

The potential for spills, leaks, and related accidents would be present. However, a berm will be used to prevent spill-related

damages in situations where drainages border the location. The pits will be unlined while drilling. If the well is producer,

and water disposal is involved, the operator must apply under USGS regulation NTL-2B for approval of whatever method he chooses for disposal of the produced water.

The operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans contain further information on protection of both the surface and subsurface waters of the area.

Fauna and Flora:

Area Wildlife: Coyotes, rabbits, small rodents, and various
desert birds.

Vegetation: Vegetation is very sparse consisting mainly of
sagebrush and scattered native grasses.

Known Endangered and/or Threatened Species of Plants or Animals:
Bureau of Land Management gave clearance for this location.

Animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. No significant disturbance of nesting and/or breeding areas and migration routes is expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Socio-Economics and Land Use:

Nearest Town and Direction: Cisco, Utah is approximately 7 miles
to the south.

Nearest Dwellings and Direction: These are located in Cisco.

Wellsite Location in Reference to Existing Production: This well
is in the S. Agate field area.

Significant Area Historical, Cultural or Archaeological Sites: _____

None are known to exist in this area.

Archaeological Inspection and Clearance from: _____

Primary Land Use: Periodic livestock grazing

Area of Wellpad Disturbance: Less than 1 acre

Area of Access Road Disturbance: Approximately 660 ft. of new access road will be needed, and will be 16ft. wide.

Estimated Cut and Fill: No cut or fill is anticipated.

Area of Disturbance for Additional Producing or Treating Facilities, (if producer): No additional disturbance will be necessary.

Parks, wildlife refuges or other formally designated recreation Facilities in area: None in the area.

Method of Solid Waste Disposal: Solid waste will be buried.

The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, state, and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

The proposed location is within the Book Mountain Planning Unit (07). This Environmental Assessment Record was complied by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Alternatives to the Proposed Action:

Alternate locations, with due consideration given to environmental factors, were examined. No viable, alternate sites could be selected that were within the legal boundaries of the lease. To not allow surface occupancy is the only other alternative.

Unavoidable Adverse Environmental Effect of the Proposed Action:

Surface scars resulting from construction work to the wellpad and access road would be visible for the life of the project and for a period of time after abandonment until rehabilitation is completed. The disturbed areas would not be available for farming or grazing purposes during the project's lifetime. Relocation of area wildlife would be anticipated. Possibilities for spills and resultant erosion would exist, and a certain amount of air pollution from dust and exhaust fumes would also occur, as would an increase in noise levels. However, it is not anticipated that any of these adverse effects would cause a significant, lasting degradation of the environment.

Controversial Issues and Conservation Division Responses:

None were received

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102 (2) (c).

District Engineer:
Salt Lake City, Utah

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City
SERIAL No.: U-37360

and hereby designates

NAME: George W. Graham, Inc.
ADDRESS: 400 First-Wichita National Bank Building
Wichita Falls, Texas 76301

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

160 acres of land, more or less, being the Northeast Quarter
of Section 17, Township 20 South, Range 24 East, SLB&M

Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.


Frank B. Adams

(Signature of lessee)

May 26, 1978

(Date)

716 Wilson Building
Corpus Christi, Texas 78476



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

CLEON B. FEIGHT
Director

December 4, 1979

George W. Graham
400 1st-Wichita National Bank Bldg.
Wichita Falls, Texas 76301

RE: Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal #2-360
Sec. 17, T. 20S, R. 23E,
Grand County, Utah

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE. BEAUREGARD
CLERK-TYPIST

GEORGE W. GRAHAM
400 FIRST-WICHITA NATIONAL BANK BUILDING
WICHITA FALLS, TEXAS
76301

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

February 20, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Federal #1-420
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E
Grand County, Texas

Well No. Federal #2-360
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Gentlemen:

I request that an extension of time be granted until May 15, 1980 for the drilling of the captioned wells because no rigs are available until that time.

Yours, very truly



George W. Graham

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-37360

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

USA

9. WELL NO.

No. 2-360

10. FIELD AND POOL, OR WILDCAT

S. Acate Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER ☐ Change of drilling contractor

2. NAME OF OPERATOR

George W. Graham, Inc. (Serial No. U-38700)

3. ADDRESS OF OPERATOR 400 First Wichita National Bank Building
Wichita Falls, TX 76301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.) 990' fnl & 2,310' fel of Section 17,
At surface Township 20 South, Range 24 East, SLB&M

14. PERMIT NO.

43-019-30447

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,590' Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Change of contractor ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Original APD showed Jacobs Drilling Company as contractor. Due to other commitments, Jacobs will be unable to drill the above noted test well and the following drilling contractor has been employed:

Starnier Drilling Company Rig No. 3 Telephones: Office 303-242-9223
P. O. Box 1868 Res. 303-242-9098
Grand Junction, CO 81501 Mobile 303-243-6846

Note: Blowout prevention equipment is the same as shown for Jacob's rig in the original application and the same testing procedure is followed.

18. I hereby certify that the foregoing is true and correct

SIGNED

Frank B. Adams

TITLE Working Interest Partner DATE June 5, 1980

(This space for Federal or State office use)

APPROVED BY

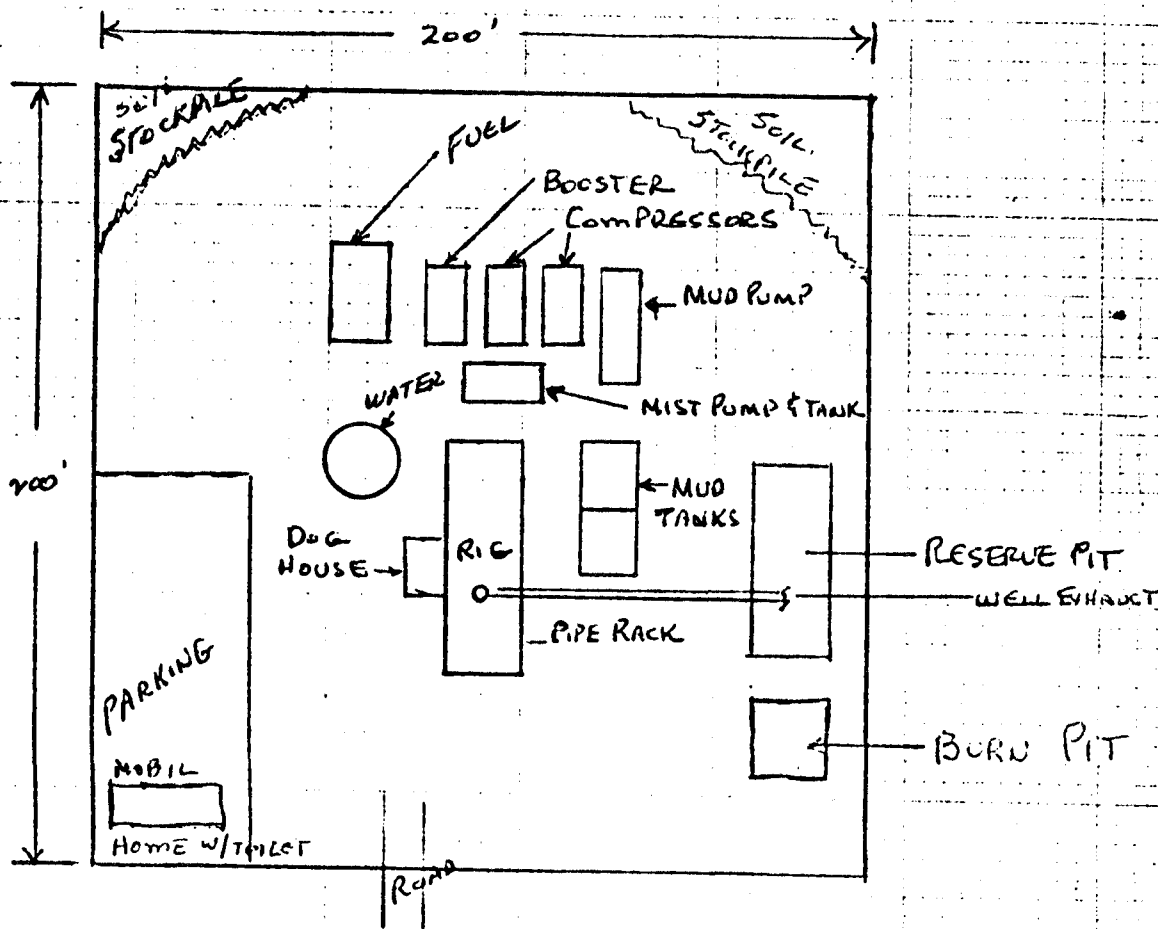
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

CC: STATE

*See Instructions on Reverse Side



Drilling Rig Layout - Rig No. 3

Starnier Drilling Company
P. O. Box 2266
Grand Junction, CO 81501

Scale 1"=50'

November 5, 1980

Geroge W. Grahm
400 1st-Wichita National Bank Bldg.
Wichita Falls, Texas 76301

RE: Well No. Federal 1-360
Sec. 17, T. 20S, R. 24E,
GRAND COUNTY, UTAH

Well No. Federal 2-360
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Well No. Federal 1-420
Sec. 17, T. 20S, R. 24E,
Grand County, Utah

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding ~~has~~ any other activity has taken place send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this (these wells) and action will be taken to terminate the application.) If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK TYPIST

GEORGE W. GRAHAM
400 FIRST-WICHITA NATIONAL BANK BUILDING
WICHITA FALLS, TEXAS
76301

November 20, 1980

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Federal #1-420
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Well No. Federal #1-360
Sec. 17, T. 20S, R. 24E
Grand County, Texas

Well No. Federal #2-360
Sec. 17, T. 20S, R. 24E
Grand County, Utah

Gentlemen:

In reference to your letter of November 5, 1980, we still
plan to drill Well No. Federal #1-360 and Well No. Federal
#2-360.

We do not plan to drill Well No. Federal #1-420.

Yours very truly

GEORGE W. GRAHAM

R. A. Moran
R. A. Moran

RAM/es

RECEIVED

NOV 24 1980

DIVISION OF
OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPLUDDING INFORMATION

NAME OF COMPANY: George W. Graham

WELL NAME: Federal #2-360

SECTION NW NE 17 TOWNSHIP 20S RANGE 24E COUNTY Grand

DRILLING CONTRACTOR Layton Exploration

RIG # 1

SPLUDDED: DATE 8-4-81

TIME 5:00 p.m.

How rotary

DRILLING WILL COMMENCE

REPORTED BY Frank Adams

TELEPHONE # 303-243-6790 #1037

DATE 8-5-81 SIGNED DB

NOTICE OF SPUD

Frank
B. Adams.

RECEIVED

AUG 07 1981

Caller: Frank B. Adams

Phone: _____

DIVISION OF
OIL, GAS & MINING

Well Number: Well # 2-360

Location: SW NE 17-203-24E

County: Grand

State: Utah

Lease Number: U-37360

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 8/9/81 4 PM

Dry Hole Spudder/Rotary: Air drlg

Details of Spud (Hole, Casing, Cement, etc.) Drllg 8 3/4" fur
hole

Rotary Rig Name & Number: Layton # 1

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: Vicki

Date: 8/6/81

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☐ well other ☐ P & A
2. NAME OF OPERATOR
George W. Graham, Inc. (U-38700)
3. ADDRESS OF OPERATOR 400 First Wichita Nat'l
Bank Bldg., Wichita Falls, TX 76301
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17
below.)
AT SURFACE: 990' fnl & 2,310' fel
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same as above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☒ Plugging and abandoning
☐
☐
☐
☐
☐
☐
☒

(NOTE: Report results of multiple completion or zone
change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Test plugged August 15, 1981
121' of 7" 20# surface casing left in the hole
Cement plugs at: 1,130 - 930 = 100' in and out of Dakota w/22 sx
170 - 70 = 50' in and out of surface casing
Surface 10 sx at surface w/10 sx
with DH Marker set

Copies of electric surveys set to USGS direct by Welex

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Frank B. Adams TITLE Operator DATE August 21, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR George W. Graham, Inc. (Serial # U-38700)						5. LEASE DESIGNATION AND SERIAL NO. U-37360									
3. ADDRESS OF OPERATOR 400 First Wichita Natl Bk Bldg Wichita Falls, TX 76301						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' fnl & 2,310' fel Sec 20S - 2E At top prod. interval reported below At total depth Same as above						7. UNIT AGREEMENT NAME									
14. PERMIT NO. 43-019-30447						8. FARM OR LEASE NAME Federal									
DATE ISSUED 6-1-78						9. WELL NO. 2-360									
15. DATE SPUDDED 8-04-81						10. FIELD AND POOL, OR WILDCAT Greater Cisco Area									
16. DATE T.D. REACHED 8-12-81						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 17 - 20s - 24e SLB&M									
17. DATE COMPL. (Ready to prod.) 8-14-81						12. COUNTY OR PARISH Grand									
18. ELEVATIONS (OF, REB, RT, OR, ETC.)* 4,597' KB						13. STATE Utah									
19. ELEV. CASINGHEAD NA						20. TOTAL DEPTH, MD & TVD 1,480'									
21. PLUG, BACK T.D., MD & TVD P&A						22. IF MULTIPLE COMPL., HOW MANY* P&A									
23. INTERVALS DRILLED BY →						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P&A									
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Density - Neutron (Welex)									
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
7"		20#		121'		7-5/8ths		15 sx to surface		None					
P&A															
29. LINER RECORD						30. TUBING RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) None						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
						1130-930'		22 sx							
						170-70'		10 sx							
						Surface		5 sx & Dryhole marker							
33.* PRODUCTION															
DATE FIRST PRODUCTION P&A				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in) P&A					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)												TEST WITNESSED BY			
35. LIST OF ATTACHMENTS Copies of logs sent direct to USGS by Welex of Grand Junction, CO															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED <i>Frank B. Adams</i>				TITLE Operator				DATE August 21, 1981							

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
G. Marker (Base DK Silt)	1,032'						
Dakota	1,065'						
Buckhorn	1,250	1,260'					
Agate	1,310	1,320'					
Brushy Basin	1,360	1,367'					

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: George W. Graham, Inc. No. 2-360

Operator: Frank B. Adams

716 Wilson Building
Address: Corpus Christi, TX 78476

Contractor: Layton Exporation Co.

Address: Grand Junction, CO

Location nw 1/4 ne 1/4; Sec. 17 T. 20 N, R. 24 E; Grand County.
S W

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1. <u>1100</u>	<u>1120</u>	<u>Killed dust while</u>	<u>Salty</u>
		<u>air drilling</u>	
2. <u>No increase in water to TD of 1480'</u>	<u>well mist drilled to TD</u>		
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Base of Dakota Silt	1,032'	Top of Brushy Basin	1,360'
Top of Dakota	1,065'		
Top of Buckhorn	1,250'		

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.